

1 / 2 6

FIG. 1

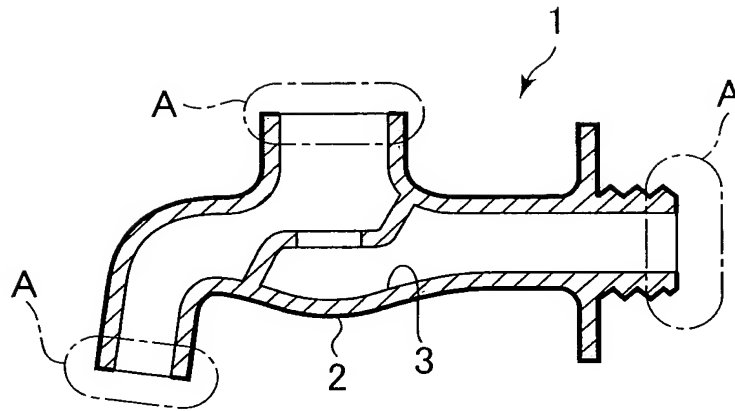


FIG. 2

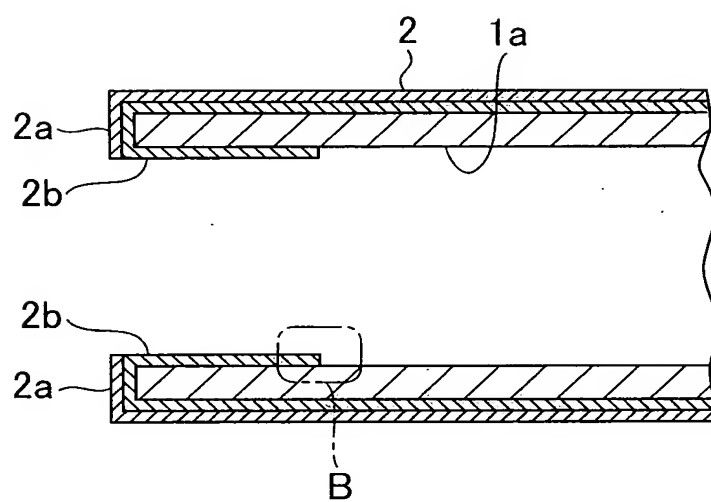
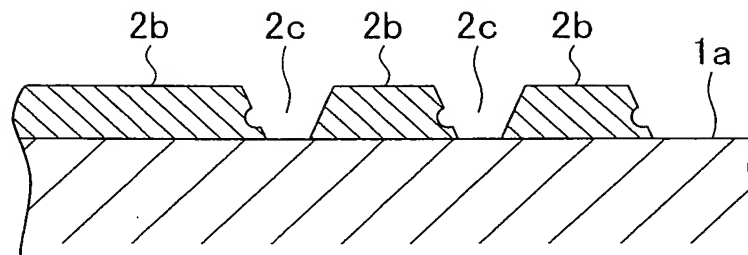
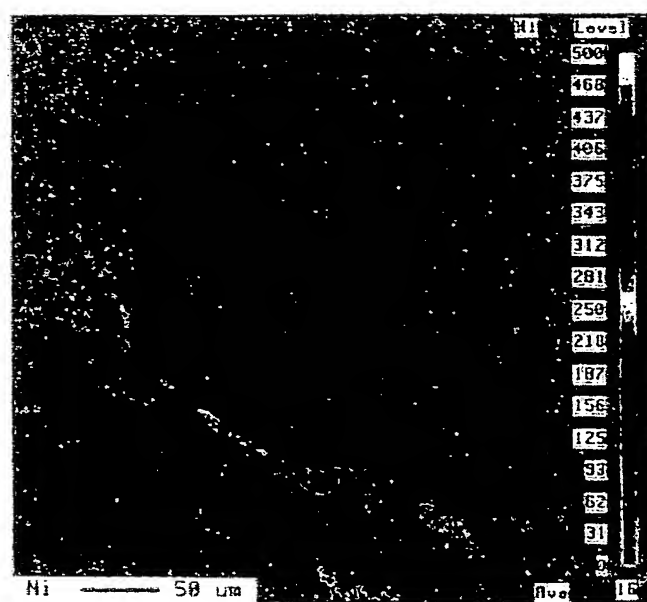


FIG. 3



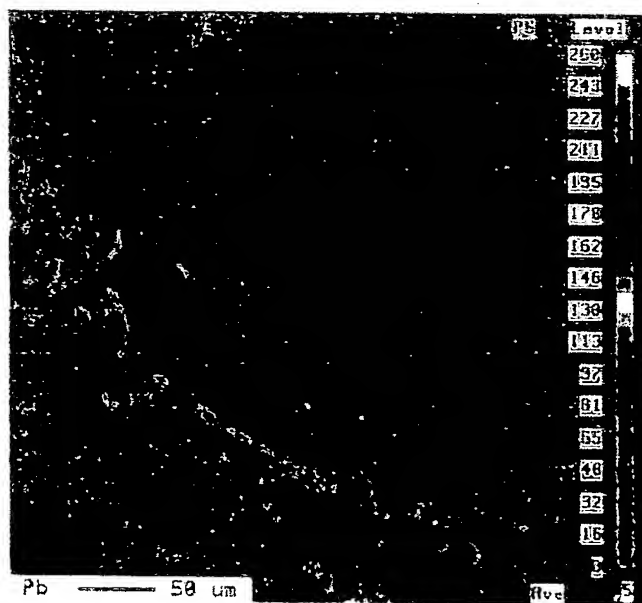
4 / 2 6

FIG. 4



5 / 2 6

FIG. 5



6 / 2 6

FIG. 6



FIG. 7

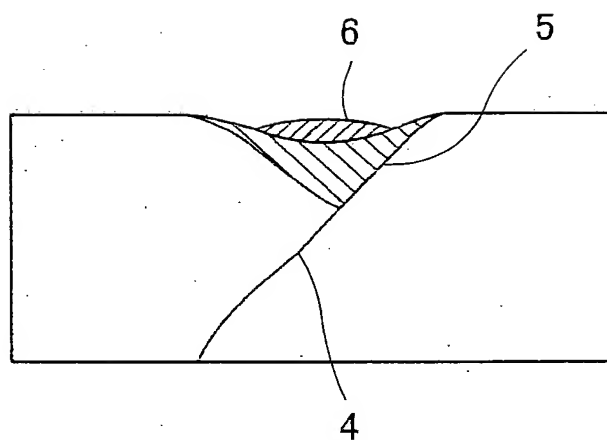


FIG. 8

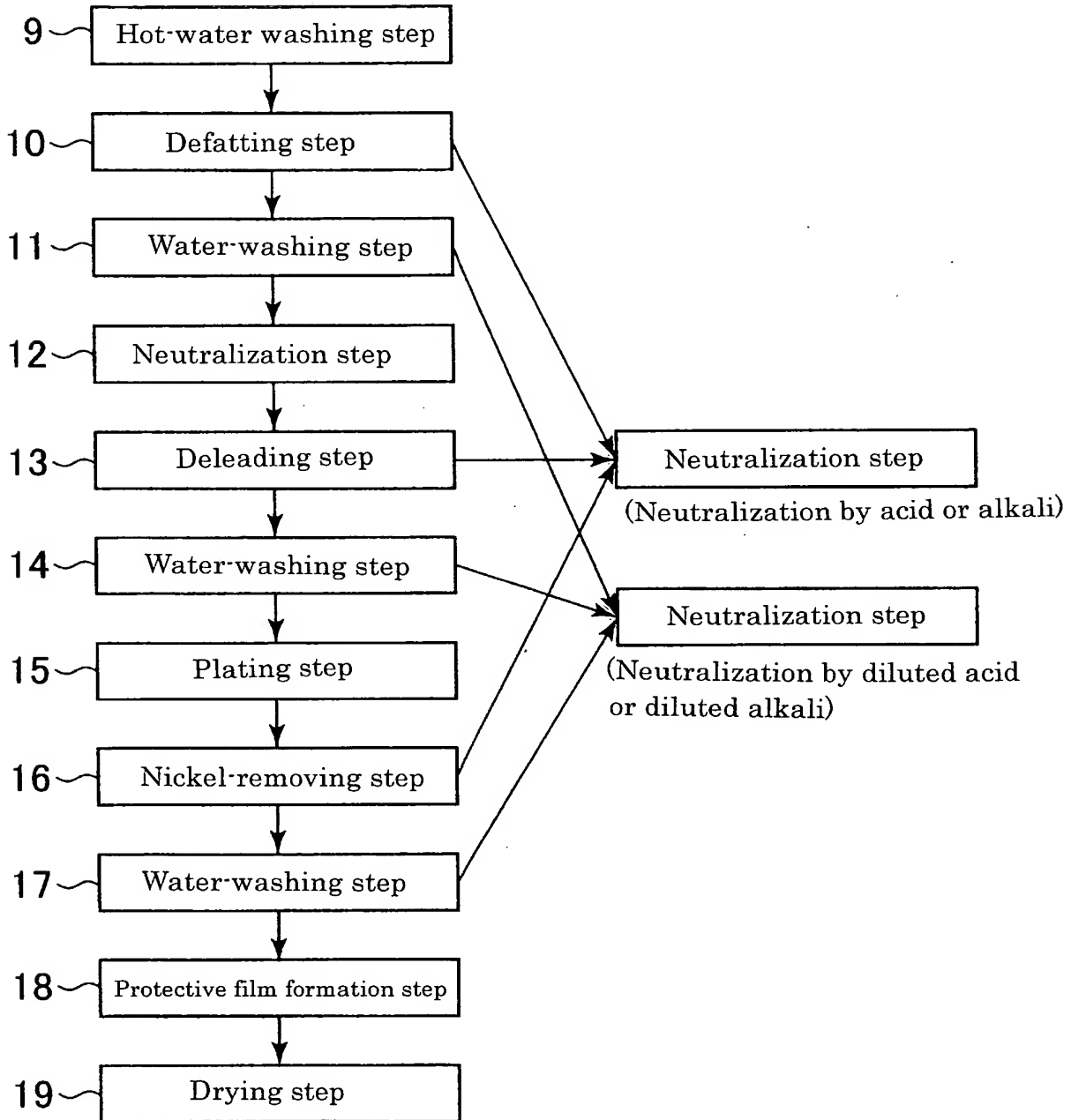
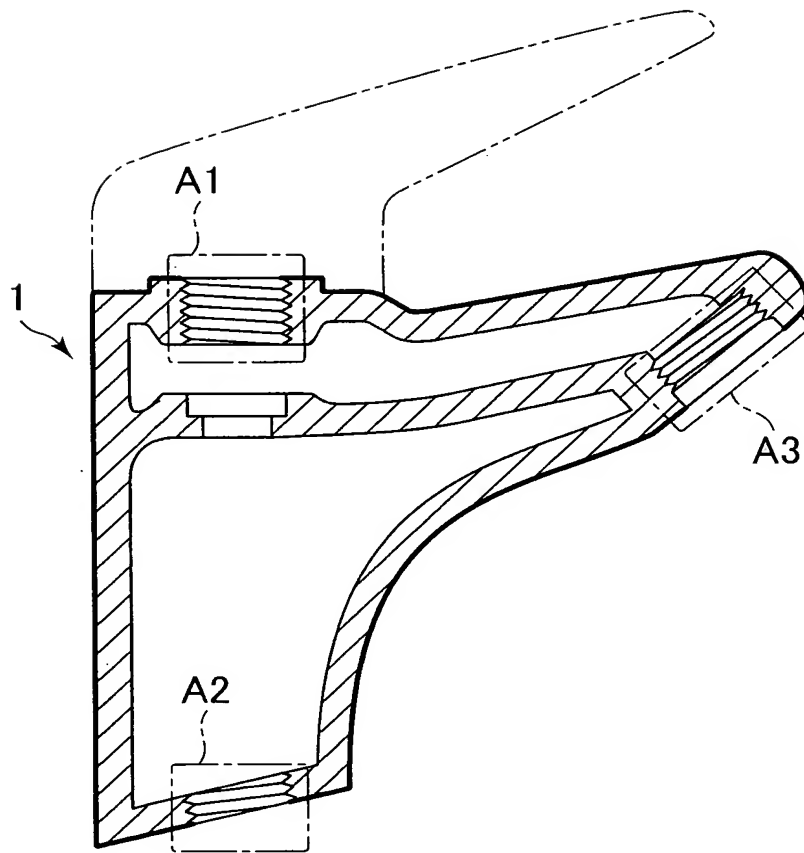


FIG. 9



1 0 / 2 6

FIG. 1 0

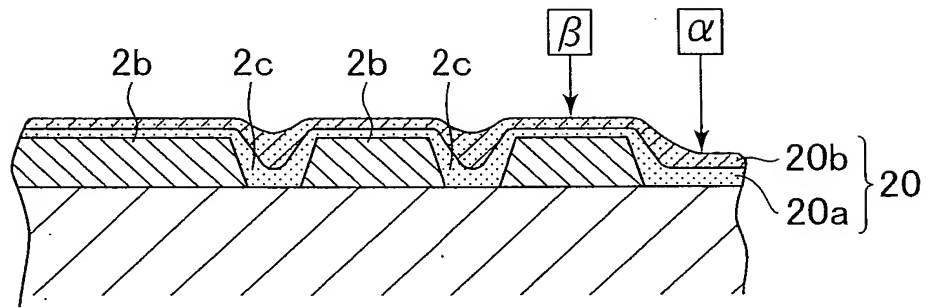


FIG. 1 1

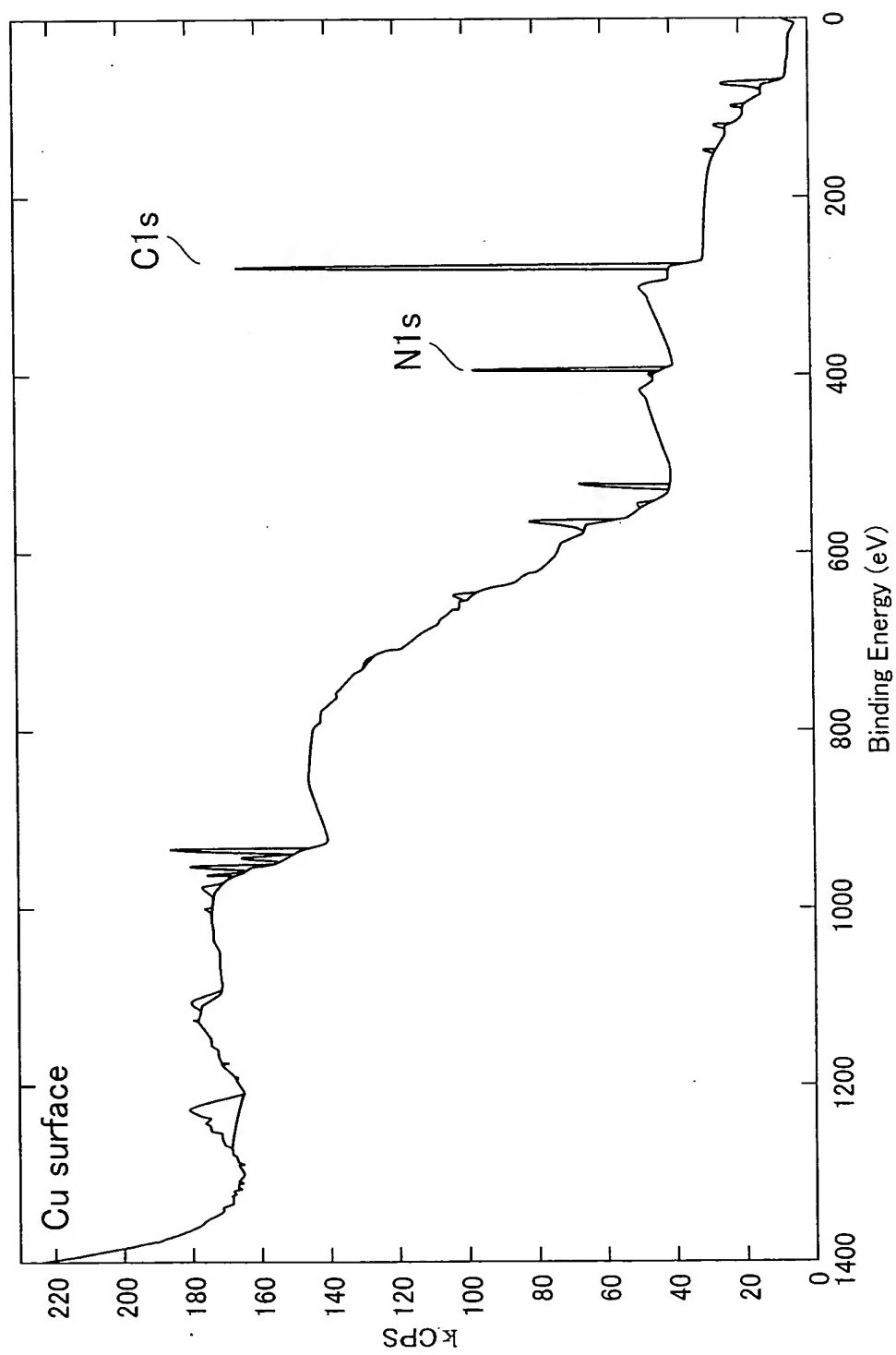


FIG. 1 2

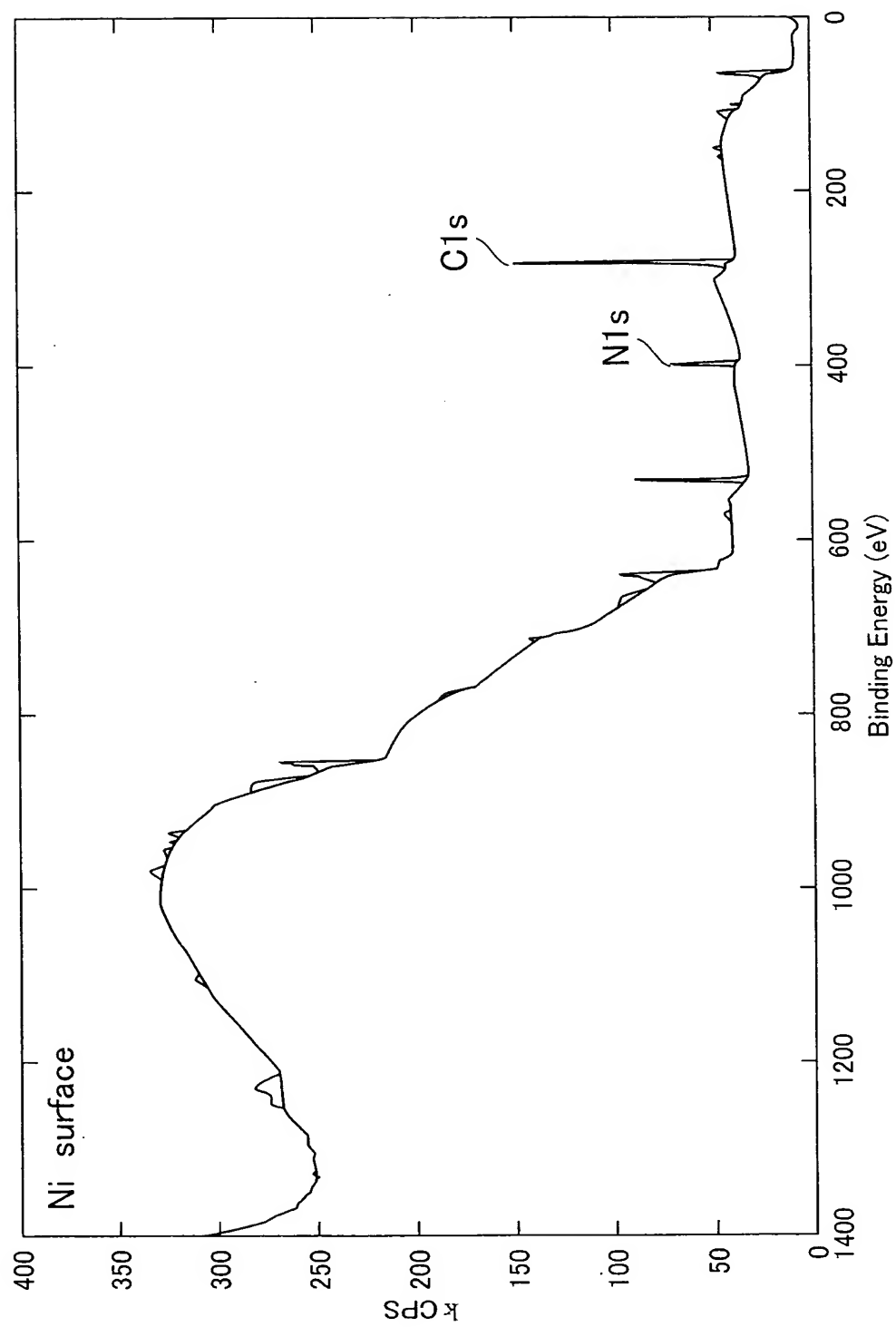


FIG. 1 3

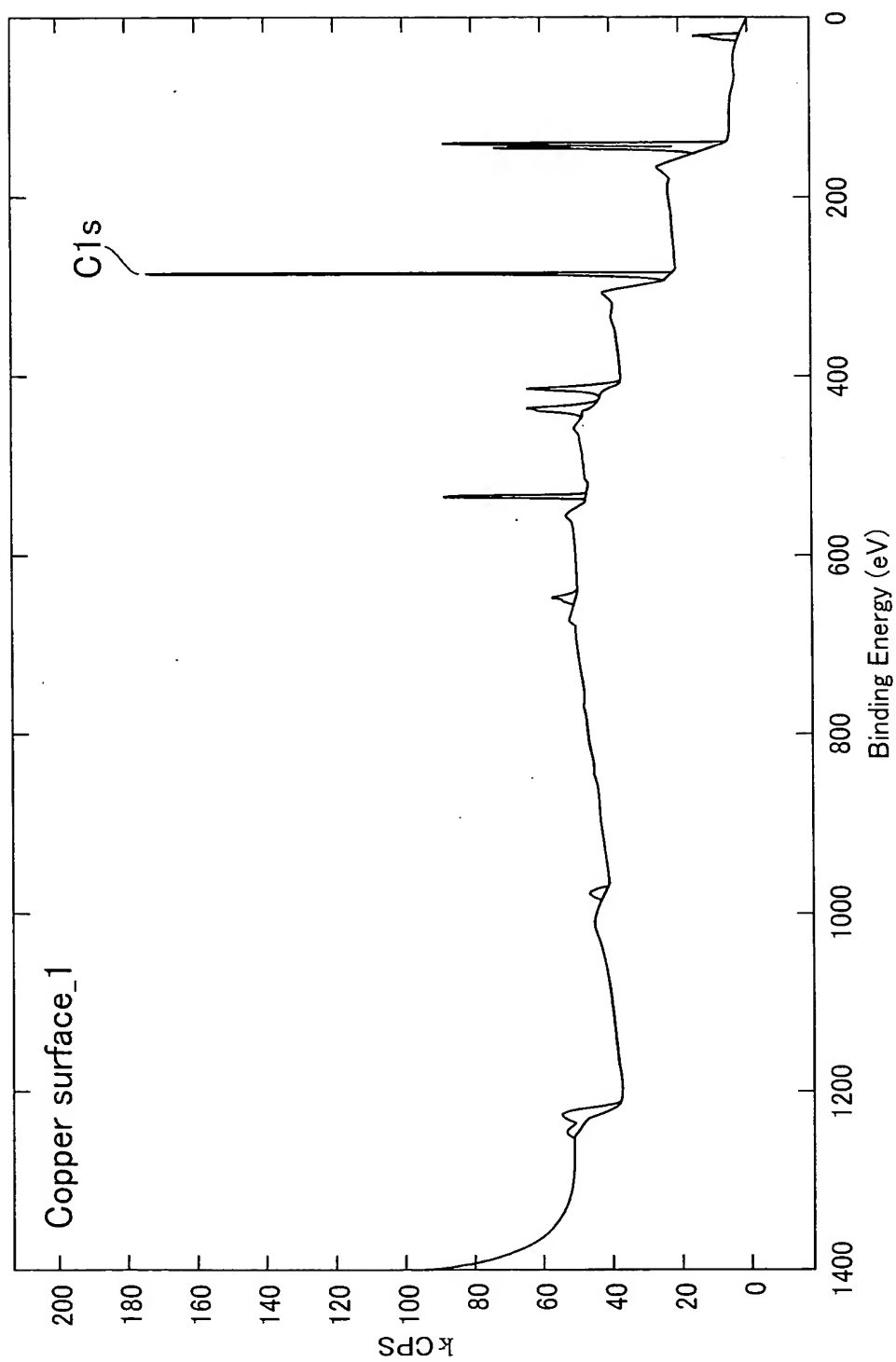
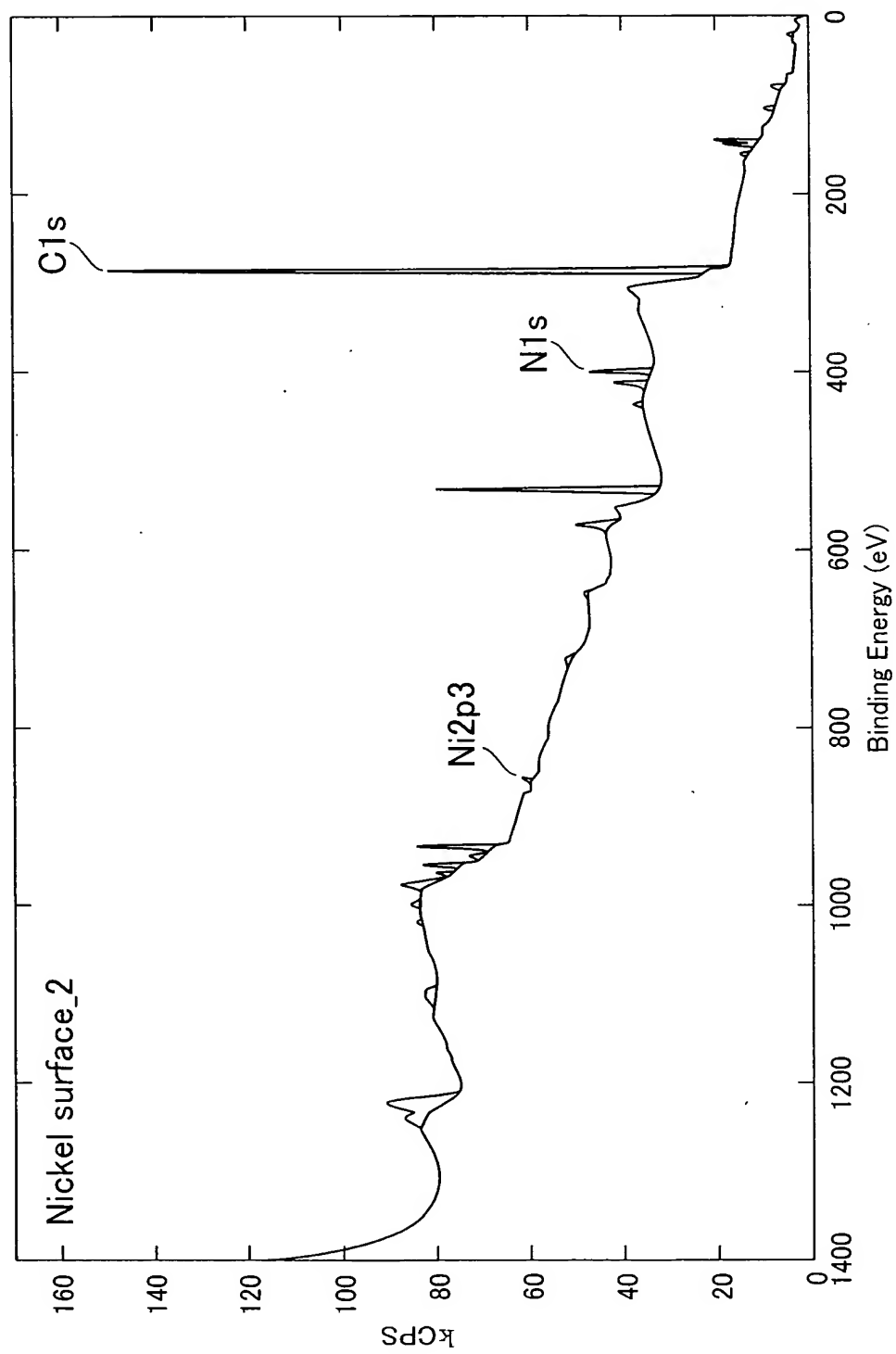


FIG. 1 4



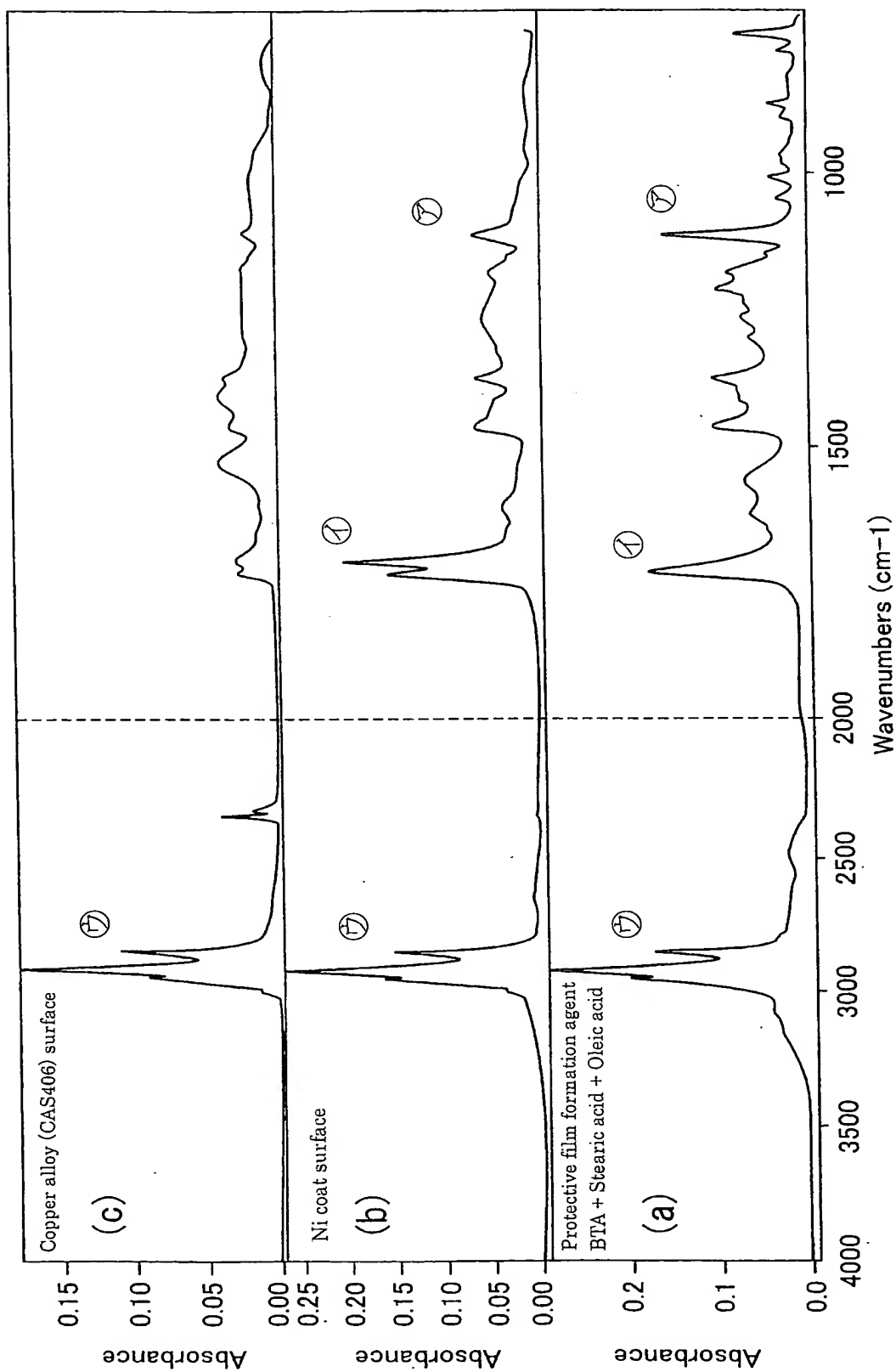
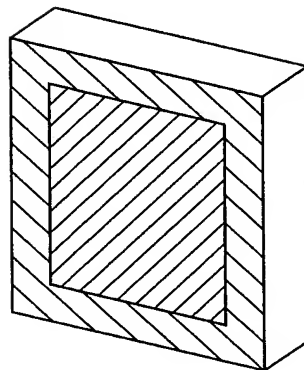


FIG. 1 5

1 6 / 2 6

FIG. 1 6

(a)



(b)

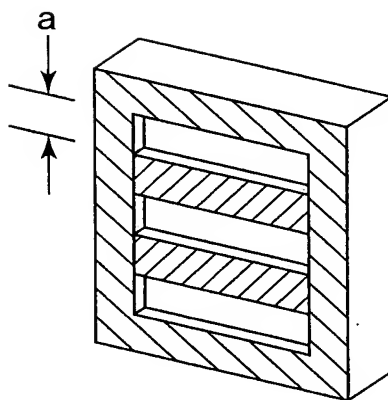


FIG. 1 7

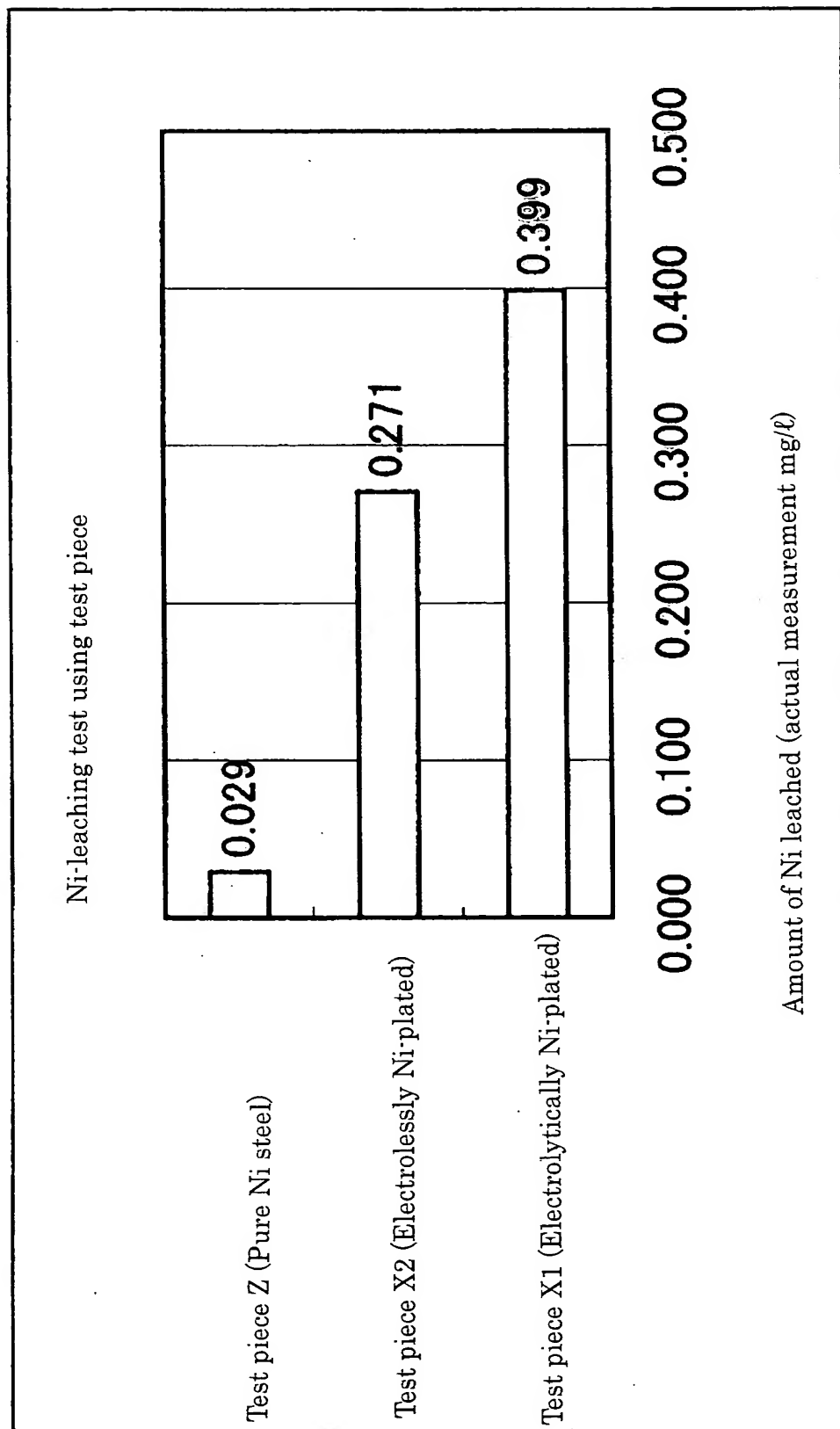


FIG. 1 8

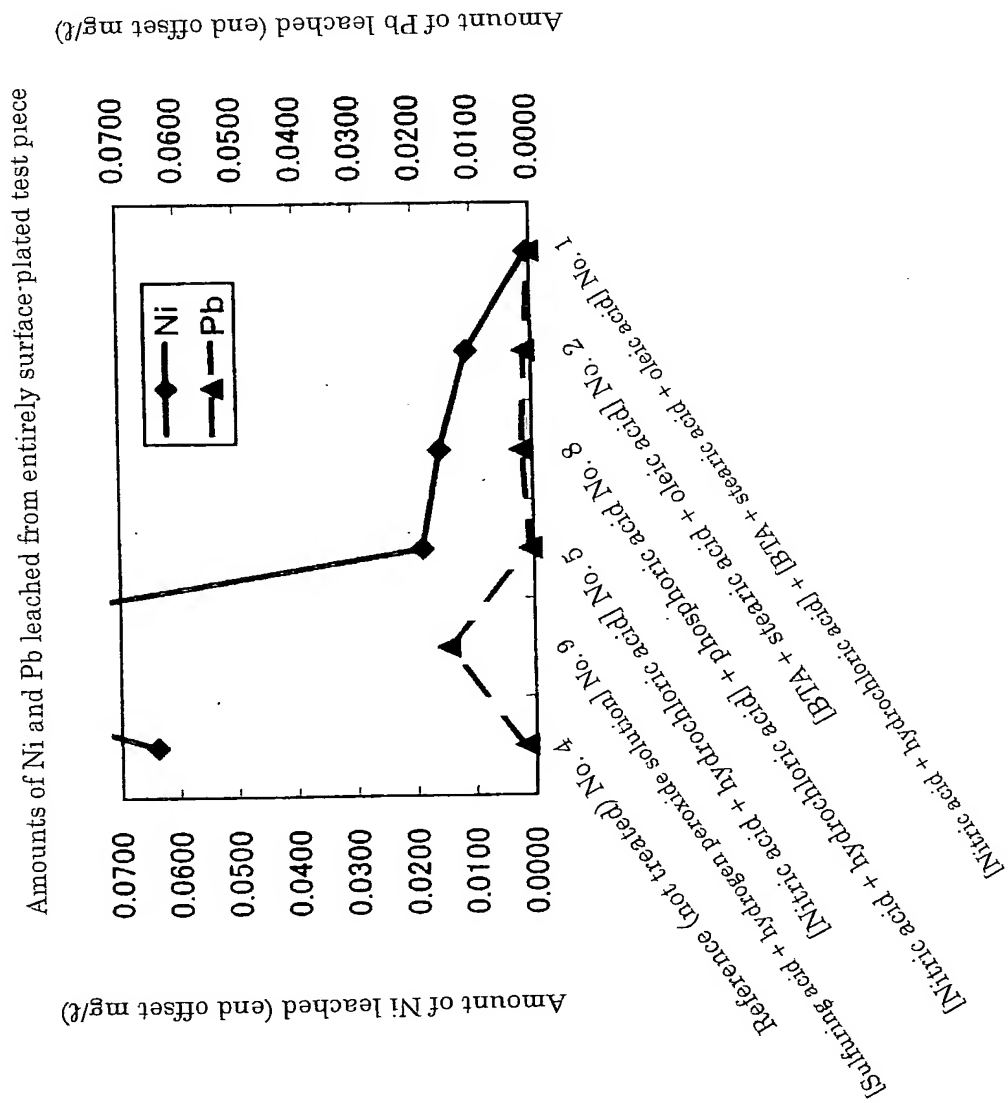
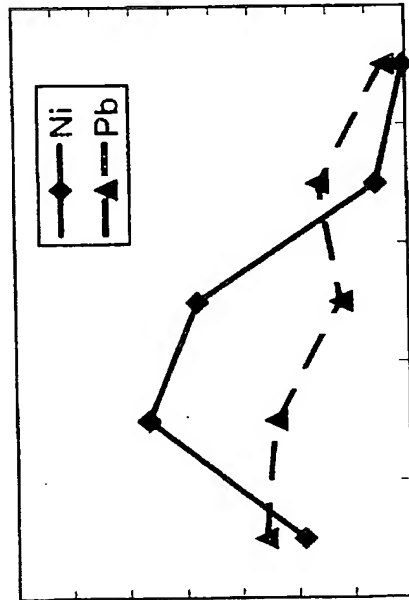


FIG. 1 9

Amounts of Ni and Pb leached from partially surface-plated test piece

Amount of Pb leached (end offset mg/l)

0.070
0.063
0.056
0.049
0.042
0.035
0.028
0.021
0.014
0.007
0.000



Amount of Ni leached (end offset mg/l)

0.0700
0.0600
0.0500
0.0400
0.0300
0.0200
0.0100
0.0000

[Sulfuric acid + hydrogen peroxide solution] No. 15
Reference (not treated) No. 16
[Nitric acid + hydrochloric acid] No. 17
[BTA + stearic acid + oleic acid] No. 14
[BTA + stearic acid + oleic acid] No. 15
[Nitric acid + hydrochloric acid] No. 16
[Sulfuric acid + hydrogen peroxide solution] No. 17

FIG. 20

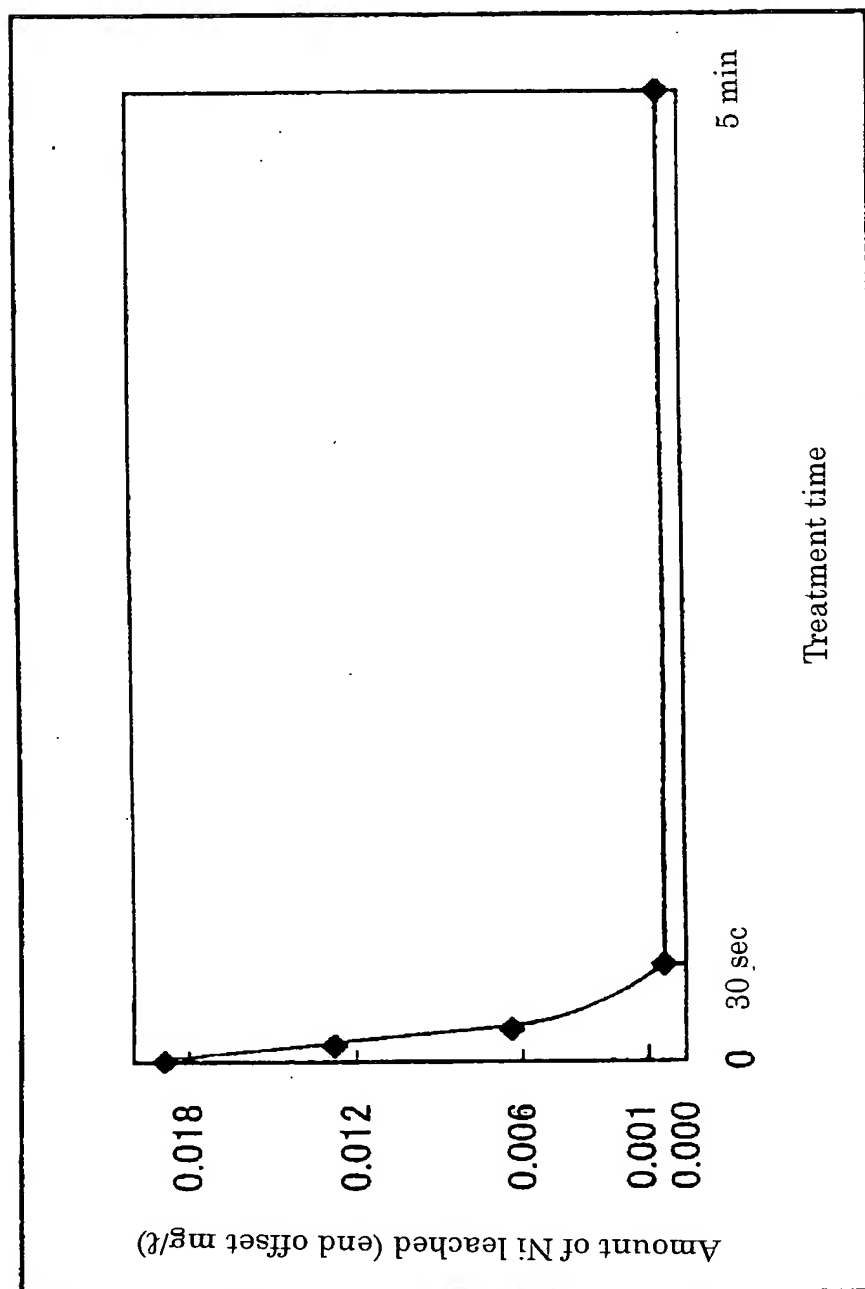
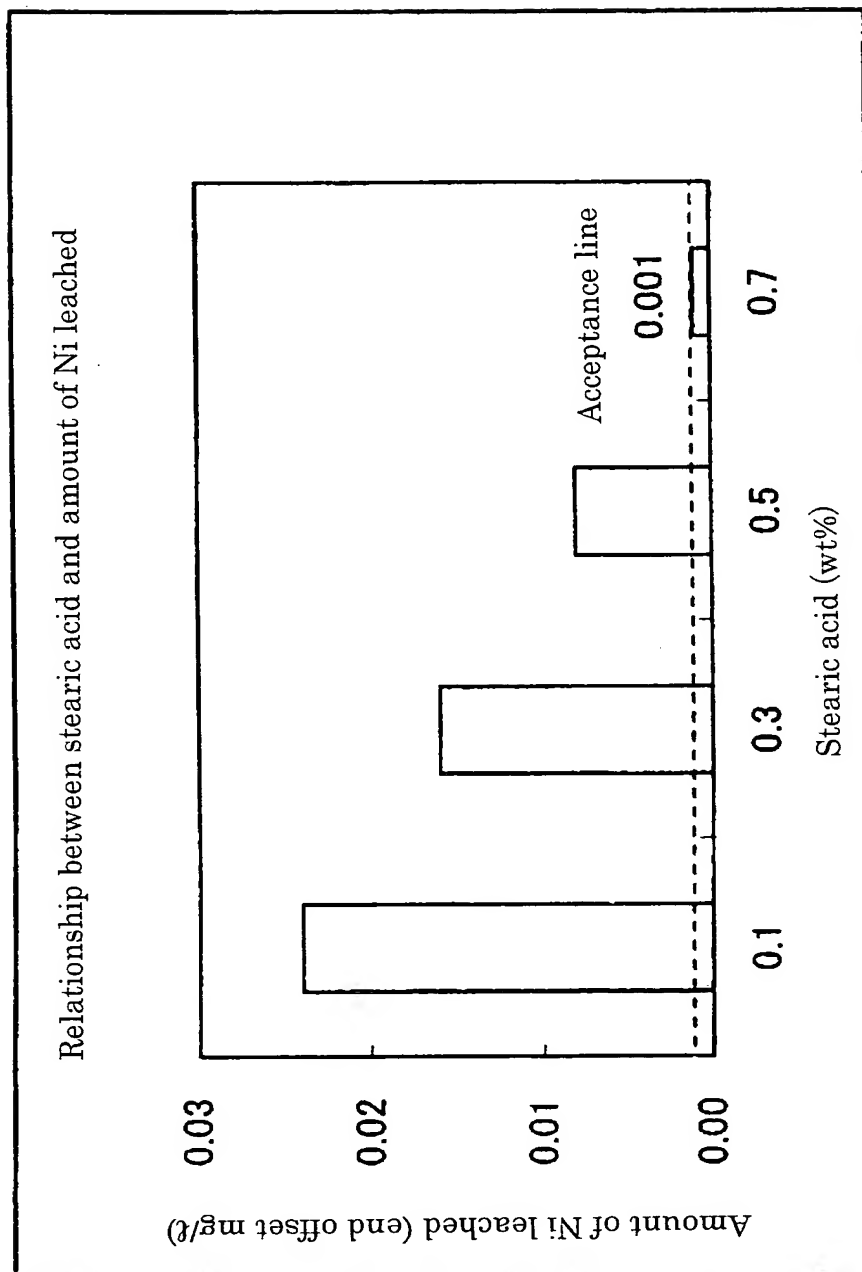


FIG. 2 1



3 2 0

2 2 / 2 6

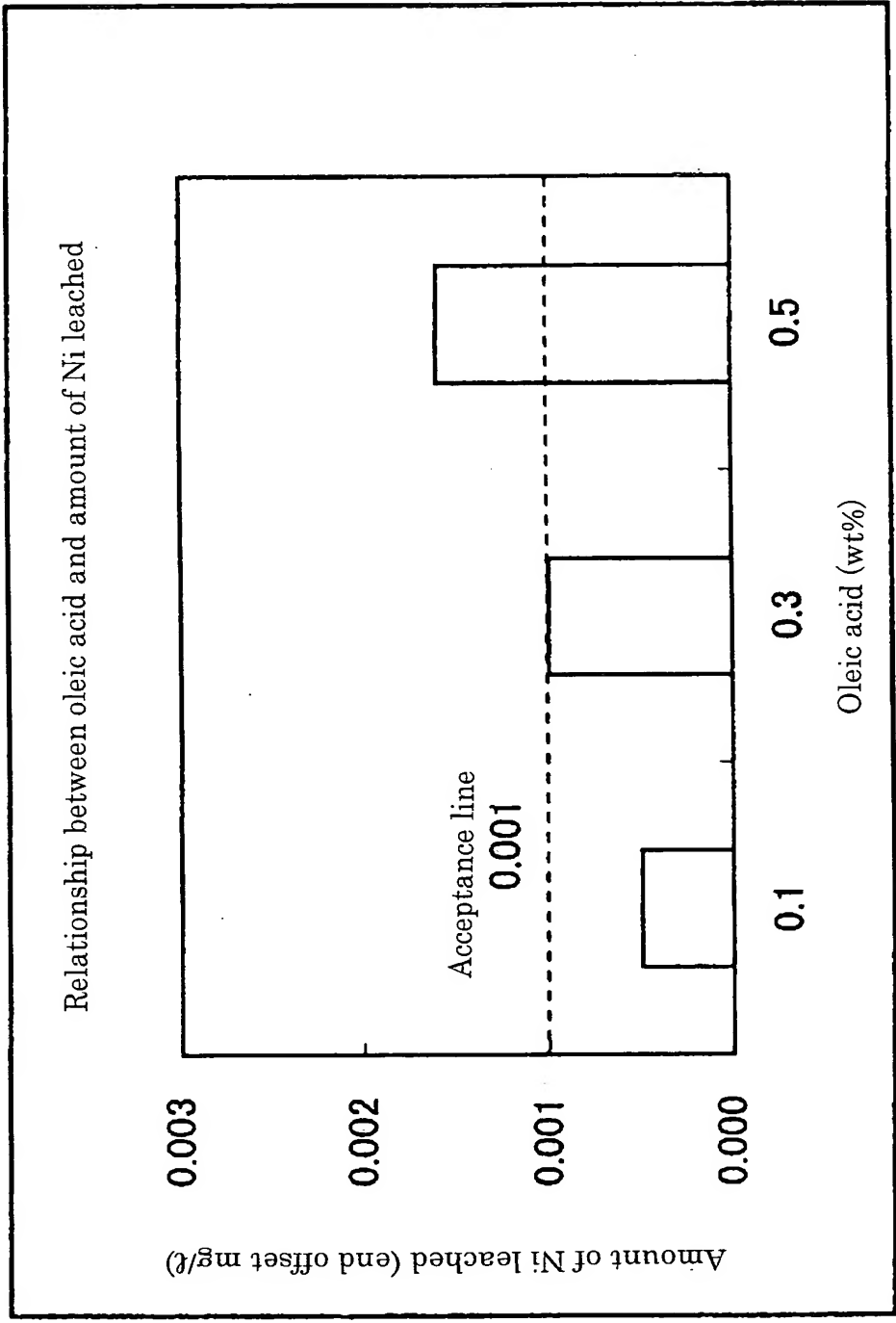
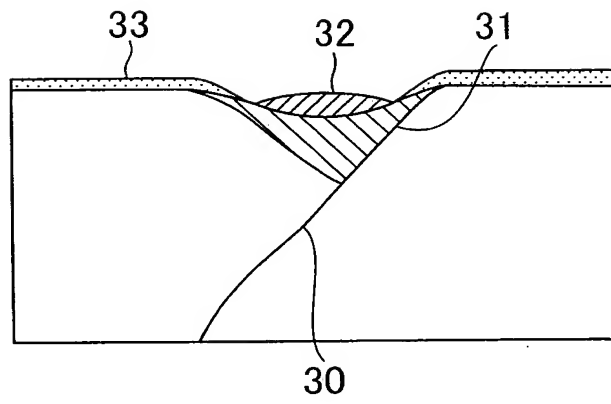
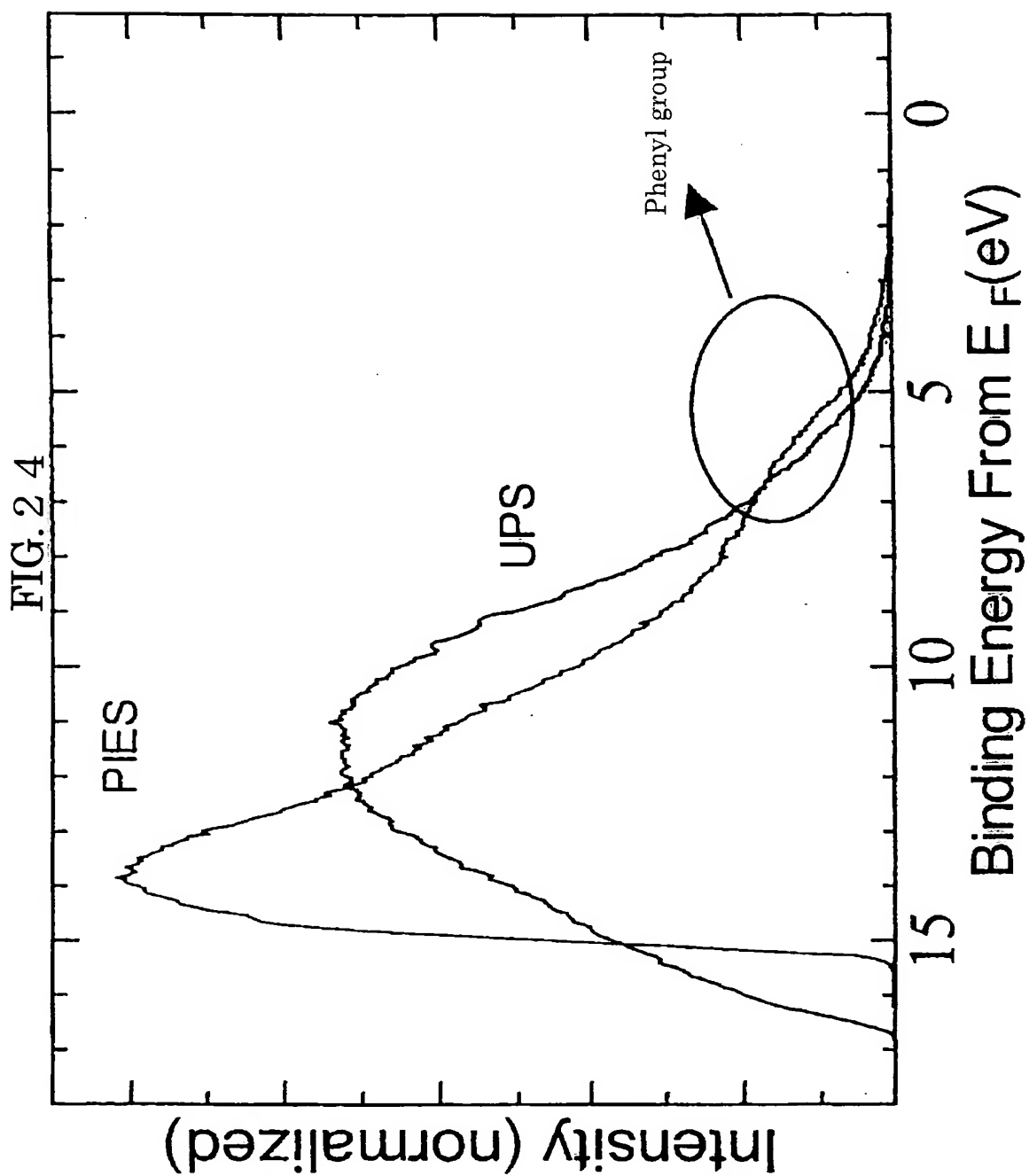


FIG. 2 2

23 / 26

FIG. 23





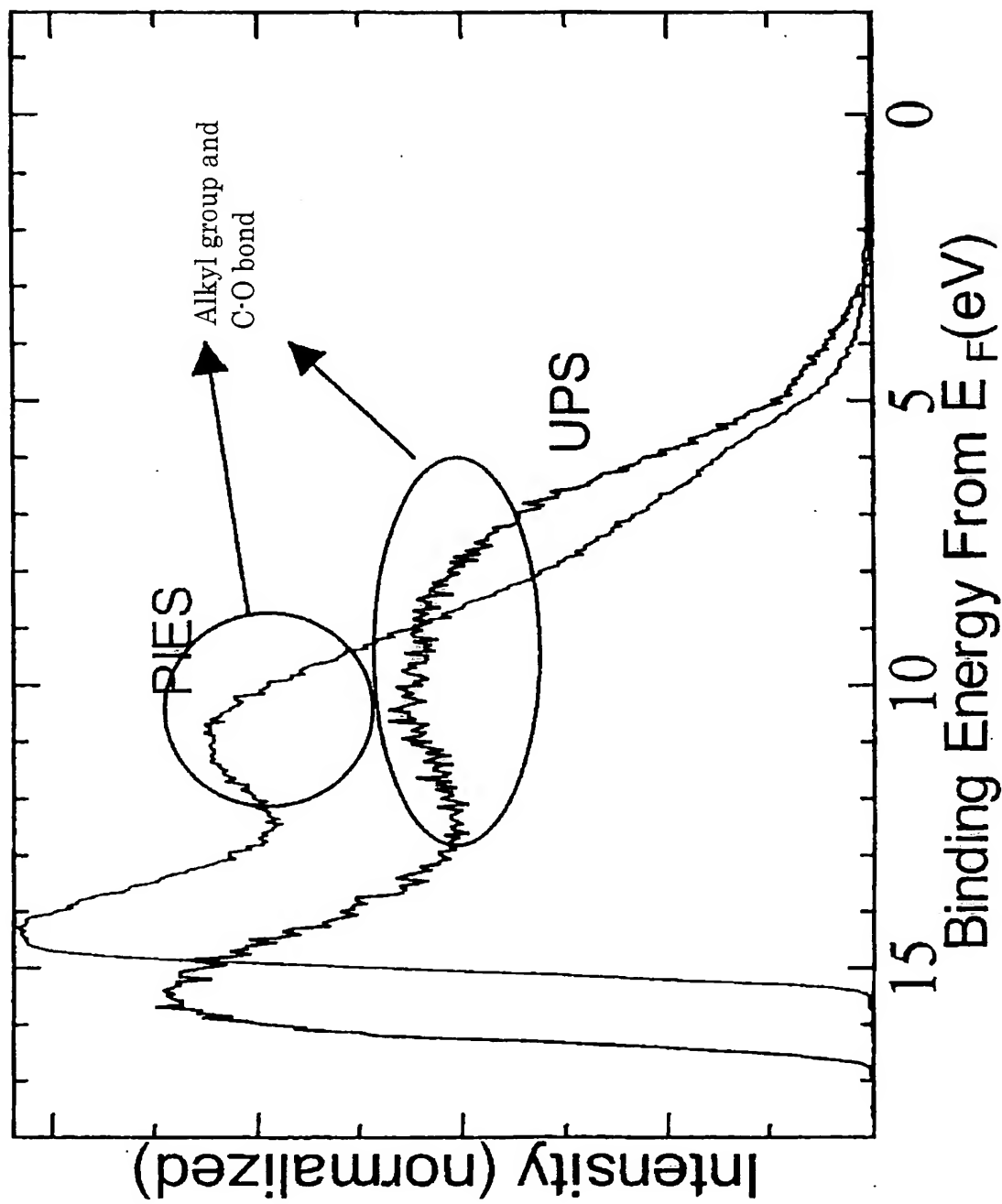
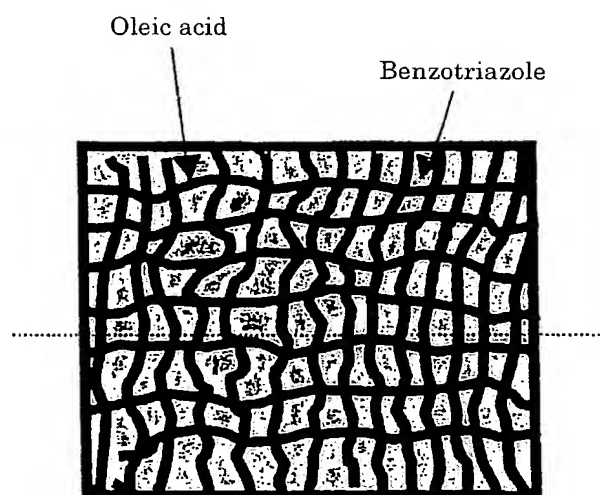


FIG. 2 5

2 6 / 2 6

FIG. 2 6

(a)



(b)

